

In the Claims

Applicant has submitted a new complete claim set showing marked up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

Please amend pending claim 1 as noted below, with insertions indicated by underlining and deletions indicated by strikethrough.

1. (Currently amended) A method for diagnosing endometrial cancer in a subject suspected of having endometrial cancer comprising:

obtaining from the subject an endometrial tissue sample suspected of being cancerous, determining the expression of a set of nucleic acid molecules or expression products thereof in the endometrial tissue sample, wherein the set of nucleic acid molecules comprises nucleic acid molecules ~~selected from the group consisting of~~ SEQ ID NOs:14 and 32, and determining the expression of the set of nucleic acid molecules or expression products thereof in a non-cancerous endometrial tissue sample, and comparing the expression of the set of nucleic acid molecules or expression products thereof in the endometrial tissue sample suspected of being cancerous and the non-cancerous endometrial tissue sample, wherein the increased expression of SEQ ID NO:14 and 32 is diagnostic of endometrial cancer in the subject.

2-42. (Canceled)

OK to 2/11/04